SERIAL NO.

GROUP

FORM PTO-1449 (Modified)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

ATTY, DOCKET NO. UNIFREE 97.01 CIP

APPLICANT REDMOND

FILING DATE April 16, 1999 09/295 000 JUL 1 2 1999

U.S. PATENT DOCUMENTS

								J.J. 1 A 1				
EXAMINER INITIAL		PA	TEN	TN	UME	BER		ISSUE DATE	PATENTEE	CLASS	1	FILING DATE IF APPROPRIATE
mm	5	2	6	2	8	7	5	11/16/93	Mincer et al	358	335	CEIVE
mm	5	7	1	0	9	7	0	1/20/98	Walters et al	455	3.1	UL 1 9 1999
mm	5	4	4	0	3	3	4	8/8/95	Wlaters et al	348	6 _	- , ,,,,
mm	4	9	6	3	9	9	5	10/16/90	Lang	358	335 GI	oup 2706
mm	5	1	3	2	9	9	2	7/21/92	Yurt et al	375	122_	
mm	5	2	5	3	2	7	5	10/12/9	3 Yurt et al	375	122	
nn	5	5	5	0	8	6	3	8/27/96	Yurt et al	375	240	
mm	5	4	2	0	9	4	2	5/30/95	Levit	382	276	
mm	5	6	7	5	7	3	4	10/7/97	Hair	395	200	
mm	5	1	9	1	5	7	3	3/2/93	Hair	.369	84	
70/11	-		-	广	 	\	1	5,2/33	11411			

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	P		PUBLICATION	COUNTRY OR			TRANS	LATION				
[XX	JME	NT	NUA	ABE		DATE	PATENT OFFICE	CLASS	SUBCLASS	YES	NO
1												
+-	-	-	├							 		
 ╀		<u> </u>	_	_		<u> </u>				 	-	
									<u> </u>			
 +	 	\vdash	1	1		_						

OTHER DOCUMENTS (Including Author, Title, Date**, Relevant Pages, Place of Publication***)

······································		

EXAMINER

DATE CONSIDERED

03-24-2003

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION					ATTY DOCKET NO. UNIFREE 97. IP			SERIAL NO. 09/295,000		
, -,	INFO	RMA	ca cavarsi chaate it narace	20/1 (1)		APPLICANT(S) REDMOND		- 		
		(0	se severur sincers in myeess	ary) o 6 2000 S	.)	FILING DATE APRIL 16, 199		ROUP	 2731	
	. <u>.</u>	. 			PATENT	DOCUMENTS	9	<u> </u>	2/31	
*EXAMINER	Γ	<u> </u>		& TRADENTS). TAILNI			0.1501.400	FILING DATE	E
INITIAL			DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	IF APPROPE	
mm	<u> </u>	3,74	6,780	7/17/73	STETT	EN ET AL.	178	6.6 A	2/25/71	
mm		3,59	9,178	8/10/71	JACKS	ON ET AL.	340	172.5	3/21/69	
mm		4,81	8,984	4/4/89	CHANG ET AL.		340		11/26/36	
MW	<u></u>	4,84	5,658	7/4/89	GIFFORD		364	900 🚾	12/1/86	
mm		4,07	1,697	1/31/78	BUSHN	ELL ET AL.	179	70	10/18/76	
mm		4,38	31,522	4/26/83	LAMBI	ERT	358	86	12/1/80	
mm		4,12	2,299	10/24/78	CANNO	ON	178	26 A	2/8/77	
88		4,06	52,043	12/6/77	ZEIDL	ER ET AL.	358	86	3/25/75	
MM		4,02	8,733	6/7/77	ULICK	I	360	10	7/7/75	
mm	4,521,806		6/4/85	ABRAH	IAM	358	86	8/19/82		
W W	1/2 A,567,512			1/28/86	ABRAH	IAM	358	86	9/28/83	
				FORE	IGN PATE	NT DOCUMENTS				
			DOCUMENT NUMBER	DATE		COUNTRY	ĊLASS	SUBCLASS	TRANSI YES	LATION NO
mm		EP (0 355 697 A2	28.02.90	EUROP	PE	H04N	7/173		
mm		wo	89/12370	14.12.89	PCT		H04N	7/167		
mm		wo	84/00863	01.03.84	PCT		H04N	7/14,12,8		
_										
			OTHER DOCUME	NTS (Includin	g Author	, Title, Date, Pertinent	Pages, Etc.)			
									. 4	
EXAMINE	R	7./	Marcho			DATE CONSIDERED	413			-
	R: Initi	al if ref				ance with MPEP 609; Draw li		ition if not in co	nformance a	and not
			-				_			

	-		IPE		ATTY DOCKET NO. UNIFREE 97.	IP S	ERIAL NO. 09/2	295,000
. • '	INFO	DRMATION DISCLOSUR (Use several sheets if neces		509	APPLICANT(S) REDMOND			75,000
	•		NOV O 6 200	I I	FILING DATE APRIL 16, 199		ROUP	2731
		· · · · · · · · · · · · · · · · · · ·	TO TO A T	PATENT	DOCUMENTS			.731
*EXAMINER		DOCUMENT NUMBER	DATE	<u> </u>	NAME	CLASS	SUBCLASS	FILING DATE
INITIAL		4,755,872	7/5/88	RESTL	ER ET AL.	358	86	7/29/85
mm						<u> </u>	86	6/1/82
Mm		4,590,516	5/20/86	ABRAH		358		
mm		4,206,316	6/3/80	BURNS	WEIG ET AL.	178	66.1	1/8/79
MM		4,847,827	7/11/89	HAYAS	SHI ET AL.	369	284	6/28/88
MM		4,763,191	8/9/88	GORDO	ON ET AL.	358	86	3/17/86
mm		4,578,535	3/25/86	SIMMO	ONS	179	2 DP	5/8/84
MM		4,659,876	4/21/87	SULLIV	VAN ET AL.	379	96	8/30/83
mm		4,949,187	8/14/90	COHEN	7	358	-335	12/16/88
mm		4,847,677	7/11/89	MUSIC	ET AL.	358	13 7	4/27/88
MM		4,506,387	3/19/85	WALTI	ER	455	612	\$±25/830
MM	4,295,154 10/13			НАТА	ET AL.	358	4 MA	8/3/79
			FORE	IGN PATE	NT DOCUMENTS		3 7	 VE!
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS 3	TRANSLATION YES NO
						ĺ	ŧ.	₫0 <u>]</u>
		OTHER DOCUM	ENTS (Includin	g Author	, Title, Date, Pertinent F	Pages, Etc.)		
EXAMINER	₹	maral			DATE CONSIDERED 03-24-2	7007		
		al if reference considered, wheth					tion if not in co	nformance and not
considered.	. Inclu	de copy of this form with next co	mmunication to app	olicant.				

					•	ATTY DOCKET NO. UNIFREE 97.0	IP S	ERIAL NO.	295,000
• 1	INF	ORMA	ATION DISCLOSURE	CITATIONE		APPLICANT(S) REDMOND	-311	<u> </u>	=>J,000
		(U	lse several sheets if neces	sa 7 /0	m 6)	FILING DATE		ROUP	
				WON 0 8 500	<u> </u>	APRIL 16, 19	99		2731
		,		U.S	S. PATENT	DOCUMENTS	<u> </u>		T
*EXAMINER INITIAL			DOCUMENT NUMBER	DATE TRADE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mm		4,52	28,589	7/9/85	BLOCK	C ET AL.	358	122	2/1/84
mn		4,75	50,036	6/7/88	MART	INEZ	358	147	5/14/86
mm		4,68	39,683	8/25/87	EFRON	·	358	185	3/18/86
mm		4,66	51,952	4/28/87	VON SI	ICHART ET AL.	370	94	10/4/85
Mn		4,00	9,346	2/22/77	PARKE	ER ET AL.	179	15 AQ	12/30/74
mm		4,00	9,344	2/22/77	FLEM	MING	179	15 BS	12/30/74
m		4,67	79,079	7/7/87	CATRO	OS ET AL.	358	135	3/29/85
Mar		4,68	38,246	8/18/87	EILER	S ET AL.	380	9	12/20/85
mm		4,73	34,765	3/29/88	OKADA	A ET AL.	358	102	12/1/78
mm		4,76	53,191	8/9/88	GORD	ON ET AL.	358	86	3/17/86
mm		4,78	35,349	11/15/88	КЕІТН	ET AL.	358	136 금	10/5/87
				FORE	IGN PATE	NT DOCUMENTS		270	RE
			DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TEADSLATION YES NO
							;)[_ F	VE[
							i' 	, 002	
			**************************************				\$1.4 \$2.4		
			,						
		1	OTHER DOCUME	ENTS (Includin	ng Author	r, Title, Date, Pertinent	Pages, Etc.,		<u> </u>
				····					
EXAMINER	· N	· - //	narah			DATE CONSIDERED	1-2003		
	R: Initi	al if ref				ance with MPEP 609; Draw	line through cita	ation if not in co	nformance and not
Son Sidered.		.30 oop	,, or and rollin wall float oo	aniocalon to app					

				,	ATTY DOCKET NO. UNIFREE 97.0	P S	ERIAL NO.	295,000
• •	INFO	RMATION DISCLOSURE	CITATION A		APPLICANT(S) REDMOND			293,000
		(Ose severai sneets ii necess	NOV 0 6 2	^{ကျ} င့်)	FILING DATE		ROUP	,
		-	NOV 0 - 2	# HE	APRIL 16, 199 DOCUMENTS	9		2731
			U.S	S. RASTENT	DOCUMENTS	1	T	
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MA		4,400,717	8/23/83	SOUTH	WORTH ET AL.	358	13	4/21/81
mm		4,914,508	4/3/90	MUSIC	ET AL.	358	13	4/27/88
mm		4,807,023	2/21/89	BESTL	ER ET AL.	358	86	7/29/85
MM		4,450,477	5/22/84	LOVET	Ť.	358	86	3/31/82
She		4,937,821	6/26/90	BOULT	ON	370	124	1/27/87
Myh		4,947,244	8/7/90	FENWI	CK ET AL.	358	86	5/3/89
hm		4,949,169	8/14/90	LUMEI	LSKY ET AL.	358	86	10/27/89
Mm		4,907,081	3/6/90	OKAM	URA ET AL.	358	133	4/22/88
mm		4,890,320	12/26/89 ·	MONSI	LOW ET AL.	380	10	6/9/88
S		4,833,710	5/23/89	HIRAS	НІМА	380	20	12/3/87
an		4,538,176	8/27/85	NAKAJ	IMA ET AL.	358	86	11/26/79
			FORE	IGN PATE	NT DOCUMENTS		±	→ 71
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
							MAIL	= IVI
	·					i.	ROOM	
		· · · · · · · · · · · · · · · · · · ·				11.00 mg	- 3	
		OTHER DOCUME	NTS (Includin	g Author	, Title, Date, Pertinent	Pages, Etc.,)	
								· ·
			•				_	
								·
EXAMINER	M	Maral			DATE CONSIDERED	7003		
	R: Initia	I if reference considered, whether			ance with MPEP 609; Draw I	ine through cita	ation if not in co	nformance and not

	•		,	ATTY DOCKET NO. UNIFREE 97.		SERIAL NO. 09/2	295,000	
`` IN	FORMATION DISCLOSUR (Use several sheets if nece			APPLICANT(S) REDMOND			270,000	
	(USB SBVBIBI SIIBBIS II IIBCB	NOV D 6 20	m (c)	FILING DATE		GROUP	 2731	
			<u> </u>	APRIL 16,	1999		2/31	
*EXAMINER	DOCUMENT NUMBER	DATE	AL.	NAME	CLASS	SUBCLASS	FILING DATE	
MM	4,789,863	12/6/88	BUSH		340	825.350	1/13/88	KATE
Mn	4,521,806	6/4/85	ABRAI	HAM	358	86	8/19/82	
Mn	4,567,359	1/28/86	LOCK	WOOD	235	381	5/24/84	
an an	4,647,989	3/3/87	GEDD	ES	360	55	3/18/83	
Mn	4,760,442	7/26/88	O'CON	NELL ET AL.	358	86	7/10/85	
nn	4,764,870	8/16/88	HASKI	N	364	415	8/11/87	
MM	4,518,989	5/21/85	YABIK	I ET AL.	358	86	9/30/82	
ma	4,792,849	12/20/88	MCCA	LLEY ET AL.	358	86	8/4/87	•
da	4,703,348	10/27/87	YUASA	A ET AL.	358	133	4/24/85	
un	4,748,511	5/31/88	NICHO	OLS ET AL.	358	256	6/7/84	,
Cha	4,665,516	5/12/87	MIDDI	LETON ET AL.	370	76 C N	9/7/84	
		FORE	IGN PATE	ENT DOCUMENTS		700	NOV	
	DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSI YES	ATION NO :
						L RC	000Z Cl 3	1
						<u> </u>		J. 17
						- 15.		770 4

-	OTHER DOCUM	IENTS (Includir	ng Autho	r, Title, Date, Pertine	nt Pages, Etc	.)	.1	
EXAMINER	1- Moral			DATE CONSIDERED	2017 ?			
*EXAMINER: I	nitial if reference considered, whet				aw line through ci	tation if not in co	onformance :	and not
	clude copy of this form with next c							

		(•	ATTY DOCKET NO. UNIFREE 97.0	IP S	ERIAL NO. 09 /	295,000	
٠.	INFO	RMATION DISCLOSURE	PETATIONE		APPLICANT(S) REDMOND				
		(OSD SEVERAL SHEELS III NECES	NOV 0 6 20CC	(6)	FILING DATE APRIL 16, 19		ROUP	 2731	
			<u> </u>		· .	77		2/31	
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
INITIAL		4,769,833	9/6/88	FARLE	CIGH ET AL.	379	105	3/31/86	MATE
nn		4,920,432	4/24/90	EGGE	RS ET AL.	360	33.1	1/12/88	
mm	_	4,714,989	12/22/87	BILLIN	NGS	364	200	10/20/86	
nn		4,736,407	4/5/88	DUMA	S	379	96	1/8/87	
mm		4,868,653	9/19/89	GOLIN	ET AL.	358	133	10/5/87	
ohm		5,057,932	10/15/91	LANG		358	335	5/5/89	
mm		5,164,839	11/17/92	LANG		358	335	10/11/91	
an		5,890,129	3/30/99 ·	SPURG	EEON	705	4	5/30/97	
ohn		5,884,312	3/16/99	DUSTA	N ET AL.	707	10	2/28/97	
MM	5,881,232		3/9/99	CHENC	G ET AL.	395	200.47	7/23/96	
mm		5,859,972	1/12/99	SUBRA	MANIAM ET AL.	395	200.3	5/10/96	
			FORE	IGN PATE	NT DOCUMENTS		00	EC EC	
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCERS	TRANSI YES≪	ATION NO
						,	RO		¥
			٠.				* 3		AND S
									र्रिक ह
			. ,						
		***************************************	, .	-					
I		OTHER DOCUME	NTS (Includin	ı ıg Authoi	r, Title, Date, Pertinent	Pages, Etc.)	<u>. </u>		
			,						
·							***		
EXAMINER	1/2	Marcho			DATE CONSIDERED	H 1 0 0			
						4-2003			
		al if reference considered, wheth de copy of this form with next co			ance with MPEP 609; Draw	iine through cita	tion if not in co	ontormance a	ina not

, .			25		ATTY DOCKET NO. UNIFREE 97.	IP	ERIAL NO. 09 /2	295,000
, , ,	INFO	RMATION DISCLOSURE	CITATION E	300	APPLICANT(S) REDMOND			
		(1000 00000 00000 000000000000000000000	HON O B S	ממס פיני	FILING DATE APRIL 16, 199		ROUP	2731
					DOCUMENTS			2731
*EXAMINER		DOCUMENT NUMBER	DATE U.S	ENE.	NAME	CLASS	SUBCLASS	FILING DATE
MM		5,826,261	10/20/98	SPENC	ER	707	5	IF APPROPRIATE 5/10/96
no		5,247,664	9/21/93		PSON ET AL.	395	600	3/28/91
mn		5,036,518	7/30/91	TSEUN	G	371	32	11/2/88
an		5,077,830	12/31/91	MALLI	A	455	58	6/7/90
mm		5,778,187	7/7/98	MONTI	EIRO ET AL.	395	200.61	5/9/96
nn		5,727,002	3/10/98	MILLE	R ET AL.	371	32	1/16/96
un		5,841,979	11/24/98	SCHUL	HOF ET AL.	395	200.67	5/7/96
on		5,014,267	5/7/91	ТОМР	KINS ET AL.	370	62	4/6/89
un		5,557,320	9/17/96	KREBS		348	12	1/31/95
Na	5,550,577		8/27/96	VERBI	EST ET AL.	348	7	5/19/94
Mn		5,805,804	9/8/98	LAURS	EN ET AL.	395	200.02	3/12/97
			FORE	IGN PATE	NT DOCUMENTS			
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	,						270	R MC
								ON -
:	·						MAIL	E/V/
							ROOM	ID I
			·			i ii		- 19
<u></u>		OTHER DOCUME	NTS (Includin	l g Author	, Title, Date, Pertinent	l Pages, Etc.)		- 400
								
	\neg							
EXAMINER	N	March			DATE CONSIDERED O} - と ゲー	2002		
		Il if reference considered, whethe de copy of this form with next corr				•	ition if not in co	nformance and not

1.				•	UNIFREE 97.0	IP S	ERIAL NO. 09 /2	295,000
	INFO	RMATION DISCLOSURI	SSAIVI"	709	APPLICANT(S) REDMOND			
		·	HON O B SOC	1 9 E	FILING DATE APRIL 16, 19		ROUP	2731
			T .	-87	DOCUMENTS			
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
an		5,583,561	12/10/96	BAKEI	R ET AL.	348	7	6/7/94
nr		5,832,499	11/3/98	GUSTN	1AN	707	103	7/10/96
o-m		5,966,440	10/12/99	HAIR		380	4	6/6/95
nn		5,130,792	7/14/92	TINDE	LL ET AL.	358	85	2/1/90
~ ~		5,809,145	9/15/98	SLIK I	ET AL.	380	25	6/28/96
nn		5,032,927	7/16/91	WATA	NABE ET AL.	358	335	3/1/89
~~		5,734,781	3/31/98	CANTO	ONE	386	46	10/2/95
MM		5,608,448	3/4/97	SMOR	AL ET AL.	348	7	4/10/95
hm		5,818,512	10/6/98	FULLE	R	348	8	4/4/97
2		5,606,359	2/25/97	YOUDI	EN ET AL.	348	7	6/30/94
nm		5,133,079	7/21/92	BALLA	NTYNE ET AL.	455	4.1	8/28/90
			FORE	IGN PATE	NT DOCUMENTS		÷	
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
			·				700	AON AON
				· · · · · · · · · · · · · · · · · · ·			MAI	<u>SEI</u>
						į	- ROOM	7ED 2000
		-					₩ MC	
	·							
		OTHER DOCUM	ENTS (Includin	g Author	, Title, Date, Pertinent	t Pages, Etc.)	1	
			••					
							<u> </u>	
EXAMINER	Ma.	Marals			DATE CONSIDERED	2 15151		
*EXAMINE	R: Initia	il if reference considered, wheth de copy of this form with next co					ation if not in co	nformance and not

٠ • ٠			IP	٦).	ATTY DOCKET NO. UNIFREE 97.0	IP	ERIAL NO. 09 /2	295,000	
11	NFORM ا)	ATION DISCLOSURE Use several sheets if necess	CITATION	% \	APPLICANT(S) REDMOND			·	
			(NOV O 6	2000 H	FILING DATE APRIL 16, 199		ROUP	2731	
			ATENTA U.S	PARSENT	DOCUMENTS	<u>'</u>			'
*EXAMINER		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE	
on	5,19	95,092	3/16/93	WILSO	N ET AL.	370	94.2	8/30/91	-
Mu	5,09	93,718	3/3/92	HOART	TY ET AL.	358	84	9/28/90	-
		·							
			,						
			FORE	IGN PATEI	NT DOCUMENTS				
		DOCUMENT NUMBER	DATE		COUNTRY	CLASS	SUBCLASS	TRANSL/ YES	ATION NO
									••
	<u>.</u>					***	10		
							2700	RE	
							700 MAIL ROOM	<u> </u>	
· · · · · · · · · · · · · · · · · · ·		OTHER DOCUME	NTS (Includin	g Author,	Title, Date, Pertinent F	Pages, Etc.,		NET T	
							₩ E	•	
						·			
EXAMINER	m	. Mural			DATE CONSIDERED	03-24	1-2003		
		ference considered, whethe by of this form with next con			nce with MPEP 609; Draw lin		•	nformance a	nd not